

PATENT ABSTRACTS OF JAPAN

(11)Publication number : **60-144303**

(43)Date of publication of application : **30.07.1985**

(51)Int.Cl.

C08F 6/24

(21)Application number : **58-244630**

(71)Applicant : **DAINIPPON INK & CHEM INC**

(22)Date of filing : **27.12.1983**

(72)Inventor : **SHIRAI NOBUYOSHI
TAKEDA HIROBUMI
SHOJI AKIO**

(54) PRODUCTION OF VINYL POLYMER

(57)Abstract:

PURPOSE: To produce a polymer low in content of residual unreacted monomer and free of odor originated in monomer, by passing a gas through the polymerization system after suspension-polymerizing a vinyl monomer in the presence of water as a medium.

CONSTITUTION: A vinyl monomer (e.g., styrene monomer, conjugated diene monomer, acrylic monomer or vinyl chloride monomer) is suspension-polymerized in an aqueous medium in a usual manner (wherein common additives such as polymerization initiator, MW modifier, polymerization stabilizer and so on may be used). A gas (e.g., air, nitrogen or argon) is passed through the resulting polymer suspension at a temperature =T_g of the desired polymer - about 30°C to remove residual unreacted monomer by entrainment on the gas.